

## Traffic Safety Facts, California , 2005



This Report Contains Data From the Following Sources:  
Fatality Data - NCSA Fatality Analysis Reporting System (FARS)  
Observed Safety Belt Data - NCSA National Occupant Protection Use Survey (NOPUS)  
Vehicle Miles of Travel Data - Federal Highway Administration (FHWA)  
Population Data - U.S. Bureau of the Census

**Traffic Safety Facts, California , 2005****Fatality Rates: California , U.S. and Best State, 2005**

<b>2005</b>	<b>Fatalities</b>	<b>Fatality Rate per 100M VMT</b>	<b>Fatality Rate per 100K Population</b>
<b>California</b>	4,329	1.31	11.98
<b>US</b>	43,443	1.45	14.66
<b>Best State*</b>		0.80	6.91

\*Best Rates: Lowest Rates Attained Across All States

2005 Vehicle Miles Traveled (VMT) Data is Currently Not Available

**Fatalities in Motor Vehicle Traffic Crashes  
Vehicle Miles Traveled (VMT) and Population  
2001 - 2005**

<b>Crash Year</b>	<b>Total Fatalities</b>	<b>VMT (Millions)</b>	<b>Total Alcohol Related Fatalities (BAC=.01+)</b>		<b>Fatalities Where the Highest BAC in the Crash Was .08+</b>		<b>Unrestrained* Passenger Vehicle Fatalities</b>	
			<b>Number</b>	<b>Percent</b>	<b>Number</b>	<b>Percent</b>	<b>Number</b>	<b>Percent</b>
<b>2001</b>	3,956	310,575	1,552	39	1,255	32	1,151	42
<b>2002</b>	4,088	321,696	1,628	40	1,326	32	1,266	44
<b>2003</b>	4,224	323,592	1,629	39	1,377	33	1,221	42
<b>2004</b>	4,120	328,917	1,667	40	1,390	34	1,134	41
<b>2005</b>	4,329	329,267	1,719	40	1,466	34	1,090	38

<b>Crash Year</b>	<b>Motorcyclist Fatalities</b>	<b>Speeding Related Fatalities</b>	<b>16-20 Year Old Fatalities</b>	<b>Total Population</b>	<b>16-20 Year Old Population</b>
<b>2001</b>	299	1,443	536	34,526,660	2,483,969
<b>2002</b>	324	1,472	618	34,988,088	2,504,334
<b>2003</b>	383	1,511	570	35,456,602	2,522,384
<b>2004</b>	432	1,333	550	35,842,038	2,544,742
<b>2005</b>	469	1,471	573	36,132,147	2,582,166

\*Unknown Restraint Use Was Proportionally Distributed Across Known Restraint Use



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## Traffic Safety Facts, California , 2005

Trend of Fatalities, 2001 - 2005

		2001	2002	2003	2004	2005
Fatality Counts	Total Fatalities	3,956	4,088	4,224	4,120	4,329
	Alcohol-Related	1,552	1,628	1,629	1,667	1,719
	Single Vehicle	2,316	2,365	2,355	2,369	2,491
	Non-Junction	2,903	3,038	3,064	3,034	3,202
	Intersection	560	576	620	595	610
	Intersection-Related	316	305	284	270	323
	Speeding Involved	1,443	1,472	1,511	1,333	1,471
	Pedestrians	711	709	704	684	742
	Pedalcyclists	105	116	106	110	115
	Large Truck Involved	378	362	370	415	428
	Roadway Departure	1,942	2,057	2,116	2,159	2,198
	Passenger Car Occupants	1,793	1,822	1,876	1,738	1,797
	Light Truck/Van Occupants	938	1,024	1,061	1,048	1,096
	Other/Unknown Occupants (not including Motorcycles)	85	80	67	82	80
	Total Occupants (not including Motorcycles)	2,816	2,926	3,004	2,868	2,973
	Motorcycle Riders	299	324	383	432	469

**Traffic Safety Facts, California , 2005****Economic Impact of Motor Vehicle Traffic Crashes, 2000**

	<b>Overall</b>	<b>In Speeding-Related Crashes</b>
<b>California</b>	\$20.655 Billion	\$3.691 Billion
<b>U.S.A</b>	\$230.568 Billion	\$40.390 Billion

2000 is the Most Recent Year for Which Data is Available

**Available Highway Safety Program Funds**

	<b>FY 2005</b>
<b>Section 157 Safety Belt Use Incentive</b>	\$10,932,321
<b>Section 157 Safety Belt Use Innovative</b>	\$3,100,000
<b>Section 163 .08 BAC</b>	\$7,145,574
<b>Section 163 SES Enforcement</b>	\$1,134,904
<b>Section 164 Repeat Offender Transfer</b>	\$47,605,169
<b>Section 402 Formula</b>	\$14,777,233
<b>Section 405 Occupant Protection</b>	\$3,222,520
<b>Section 410 Impaired Driving</b>	\$4,653,696
<b>Section 154 Open Container Transfer</b>	\$0
<b>Total</b>	\$92,571,417

**Fatalities in Alcohol Related Crashes, 2005**

<b>2005</b>	<b>Alcohol-Related (Number)</b>	<b>Alcohol-Related (%)</b>	<b>Rate per 100M VMT</b>	<b>Fatalities where Highest BAC in Crash was .08+</b>	<b>Percentage where Highest BAC in Crash was .08+</b>
<b>California</b>	1,719	40%	0.52	1,466	34%
<b>US</b>	16,885	39%	0.56	14,539	33%
<b>Best State*</b>		13%	0.15		12%

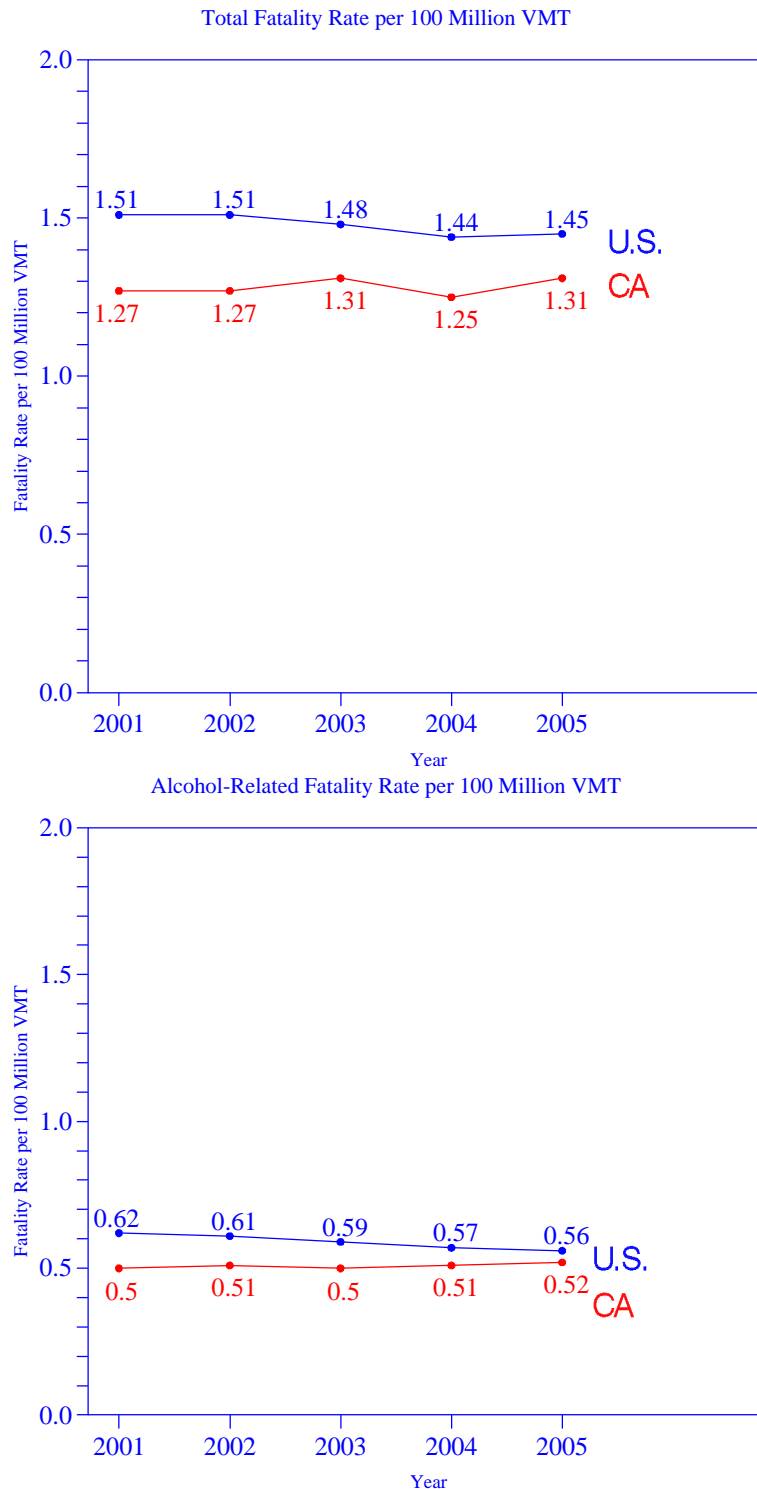
\*State with Lowest Alcohol-Related Fatality Rate.

2005 Vehicle Miles Traveled (VMT) Data is Currently Not Available



## Traffic Safety Facts, California , 2005

### Trend Charts of Total and Alcohol-Related Fatality Rates per 100 Million VMT

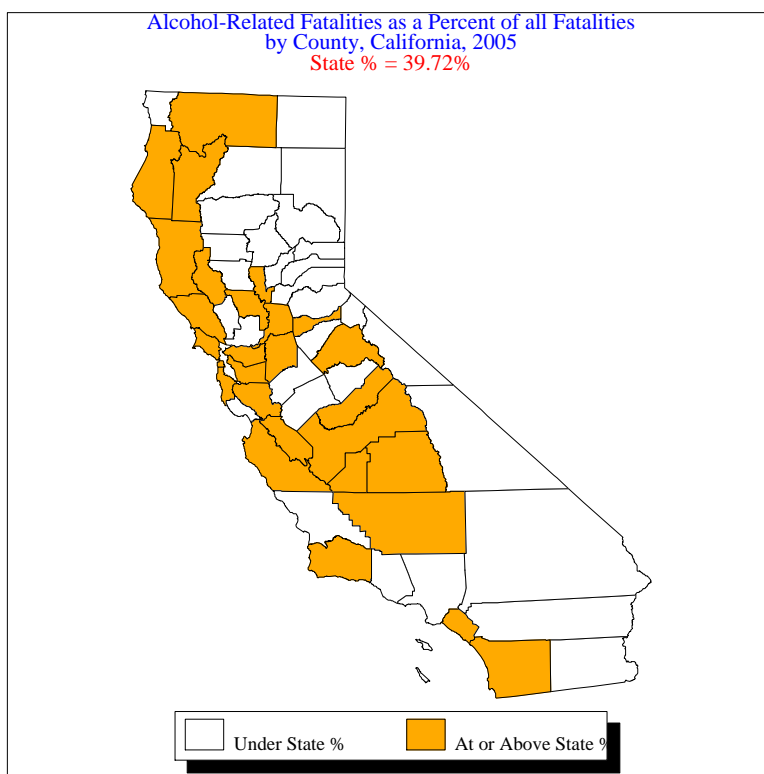
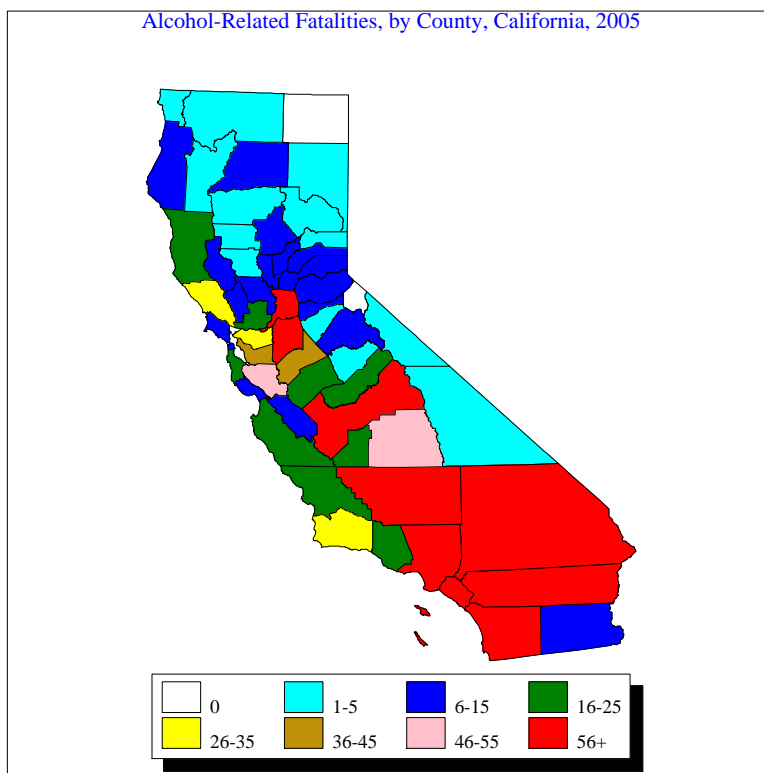


2005 Vehicle Miles Traveled (VMT) Data is Currently Not Available



## Traffic Safety Facts, California , 2005

### State-County Maps of Alcohol-Related Fatalities



**Traffic Safety Facts, California , 2005****Top 10 Counties for Fatalities/Fatality Rates****Rank by Number of Fatalities**

Rank	County	Fatalities	Rate per 100,000 Population
1	Los Angeles	750	7.55
2	San Bernardino	427	21.75
3	Riverside County	333	17.11
4	San Diego	309	10.53
5	Orange County	202	6.76
6	Kern County	178	23.52
7	Fresno County	164	18.69
8	Sacramento	162	11.88
9	San Joaquin	124	18.67
10	Tulare County	115	27.99

**Rank by Rate of Fatalities****Median Rate for all U.S. Counties : 23.23**

Rank	County	Fatalities	Rate per 100,000 Population
1	Alpine County	3	258.84
2	Sierra County	5	145.60
3	Inyo County	11	60.59
4	Plumas County	13	60.53
5	Trinity County	8	58.73
6	Amador	19	49.39
7	Colusa County	10	47.40
8	Lassen County	15	43.16
9	Mendocino	38	43.10
10	Tuolumne	25	42.10

**Top 10 Counties for Alcohol-Related Fatalities/Fatality Rates****Rank by Number of Alcohol-Related Fatalities**

Rank	County	Fatalities	Rate per 100,000 Population
1	Los Angeles	295	2.97
2	San Bernardino	144	7.33
3	Riverside County	131	6.73
4	San Diego	126	4.30
5	Orange County	90	3.01
6	Fresno County	77	8.77
7	Kern County	73	9.65
8	Sacramento	70	5.13
9	San Joaquin	57	8.58
10	Tulare County	52	12.66

**Rank by Rate of Alcohol-Related Fatalities****Median Rate for all U.S. Counties : 7.615**

Rank	County	Fatalities	Rate per 100,000 Population
1	Trinity County	4	29.36
2	Sierra County	1	29.12
3	Mendocino	20	22.69
4	Amador	8	20.79
5	Plumas County	4	18.62
6	Tuolumne	10	16.84
7	Inyo County	3	16.52
8	Kings County	22	15.34
9	Sutter County	12	13.50
10	Tulare County	52	12.66



## Traffic Safety Facts, California , 2005

### Top 10 Counties for Motorcyclist Fatalities/Fatality Rates

#### Rank by Number of Motorcyclist Fatalities

Rank	County	Fatalities	Rate per 100,000 Population
1	Los Angeles	89	0.90
2	San Diego	43	1.47
3	San Bernardino	39	1.99
4	Orange County	30	1.00
5	Riverside County	30	1.54
6	Contra Costa	18	1.77
7	Sacramento	17	1.25
8	Solano County	13	3.16
9	Ventura County	13	1.63
10	Fresno County	12	1.37

#### Rank by Rate of Motorcyclist Fatalities Median Rate for all U.S. Counties : 2.85

Rank	County	Fatalities	Rate per 100,000 Population
1	Sierra County	3	87.36
2	Alpine	1	86.28
3	Trinity	2	14.68
4	Plumas	3	13.97
5	Mariposa	2	11.07
6	Inyo County	2	11.02
7	Calaveras	4	8.53
8	Amador	3	7.80
9	San Benito	4	7.15
10	Lassen	2	5.76

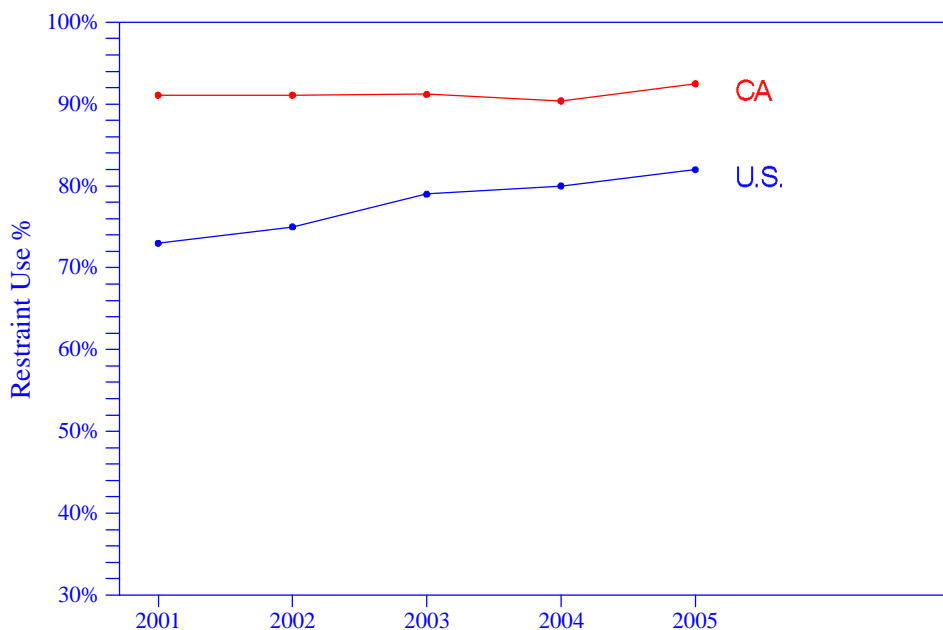




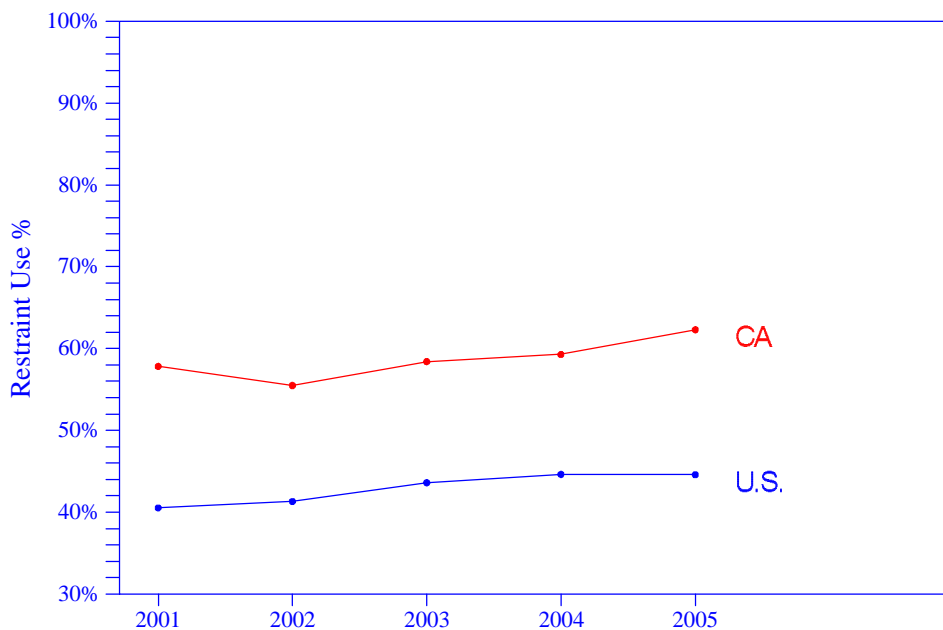
## Traffic Safety Facts, California , 2005

### Trends of Restraint Use: Observed and Among Fatally Injured Passenger Vehicle Occupants

Observed Restraint Use Percent: California and U.S.



Percent Restraint Use Among Fatally Injured Passenger Vehicle Occupants: California and U.S.



**Traffic Safety Facts, California , 2005****Percent Belt-Use Rates Observed Overall and Among Fatally Injured Passenger Vehicle Occupants**

	<b>2005</b>	
	<b>Observed Restraint Use %**</b>	<b>Passenger Vehicle Occupant Fatality Restraint Use %</b>
<b>California</b>	93%	62%
<b>USA</b>	82%	45%
<b>Best State*</b>	95%	68%

\*Best Rate: Lowest Rate Attained Across All States

\*\*NCSA National Occupant Protection Use Survey (NOPUS), California (State Survey)

**Restraint Use Among Fatally Injured Passenger Vehicle Occupants (aged 5 and above)**

<b>Restraint Use (Safety Belts &amp; Child Seats)</b>	<b>Total</b>	<b>Restrained</b>	<b>Unrestrained</b>	<b>Unknown</b>	<b>Current Lives Saved</b>	<b>Additional Savable at 100%</b>
<b>California</b>	2,843	1,578	951	314	1,953	266

**Restraint Use Among Fatally Injured Passenger Vehicle Occupants (aged under 5)**

<b>Child Restraints (Includes Child Seats and Belts)</b>	<b>Total</b>	<b>Restrained</b>	<b>Unrestrained</b>	<b>Unknown</b>	<b>Current Lives Saved</b>	<b>Additional Savable at 100%</b>
<b>California</b>	47	25	19	3	1	12

**Helmet Use Among Fatally Injured Motorcycle Riders**

	<b>Total</b>	<b>Helmeted</b>	<b>Unhelmeted</b>	<b>Unknown</b>	<b>Current Lives Saved</b>	<b>Additional Savable at 100%</b>
<b>California</b>	469	401	56	12	242	23

2005 Lives Saved Data is Currently Not Available

**Traffic Safety Facts, California , 2005****Speeding-Related Fatalities**

<b>2005</b>	<b>Number of Fatalities in Speeding-Related Crashes</b>	<b>Percent of Fatalities That Are Speeding-Related</b>
<b>California</b>	1,471	34%
<b>US</b>	13,113	30%
<b>Best State*</b>		7%

\*Best Rate: Lowest Rate Attained Across All States

**Other Statistics of Interest**

	<b>Fatalities in California</b>	<b>Percent of Total Fatalities in California</b>	<b>Fatalities in US</b>	<b>Percent of Total Fatalities in US</b>
<b>Intersection Fatalities</b>	610	14%	7,796	18%
<b>Pedestrian Fatalities</b>	742	17%	4,881	11%
<b>Pedalcyclists</b>	115	3%	784	2%
<b>Fatalities in Crashes Involving Large Trucks</b>	428	10%	5,212	12%
<b>Roadway Departure Fatalities*</b>	2,198	51%	25,397	58%
<b>Passenger Cars</b>	1,797	42%	18,440	42%
<b>Light Trucks and Vans</b>	1,096	25%	12,975	30%
<b>Other/Unknown**</b>	80	2%	1,626	4%
<b>Total Vehicle Occupants</b>	2,973	69%	33,041	76%
<b>Motorcycle Riders</b>	469	11%	4,553	10%
<b>Total Nonoccupants***</b>	887	20%	5,849	13%
<b>Total Fatalities</b>	4,329		43,443	

\*Fatalities based on FHWA Definition

\*\*Includes Occupants of Large Trucks, Buses and Unknown Vehicle Types

\*\*\*Includes Pedestrians, Pedalcyclists and Other Non-Motorists



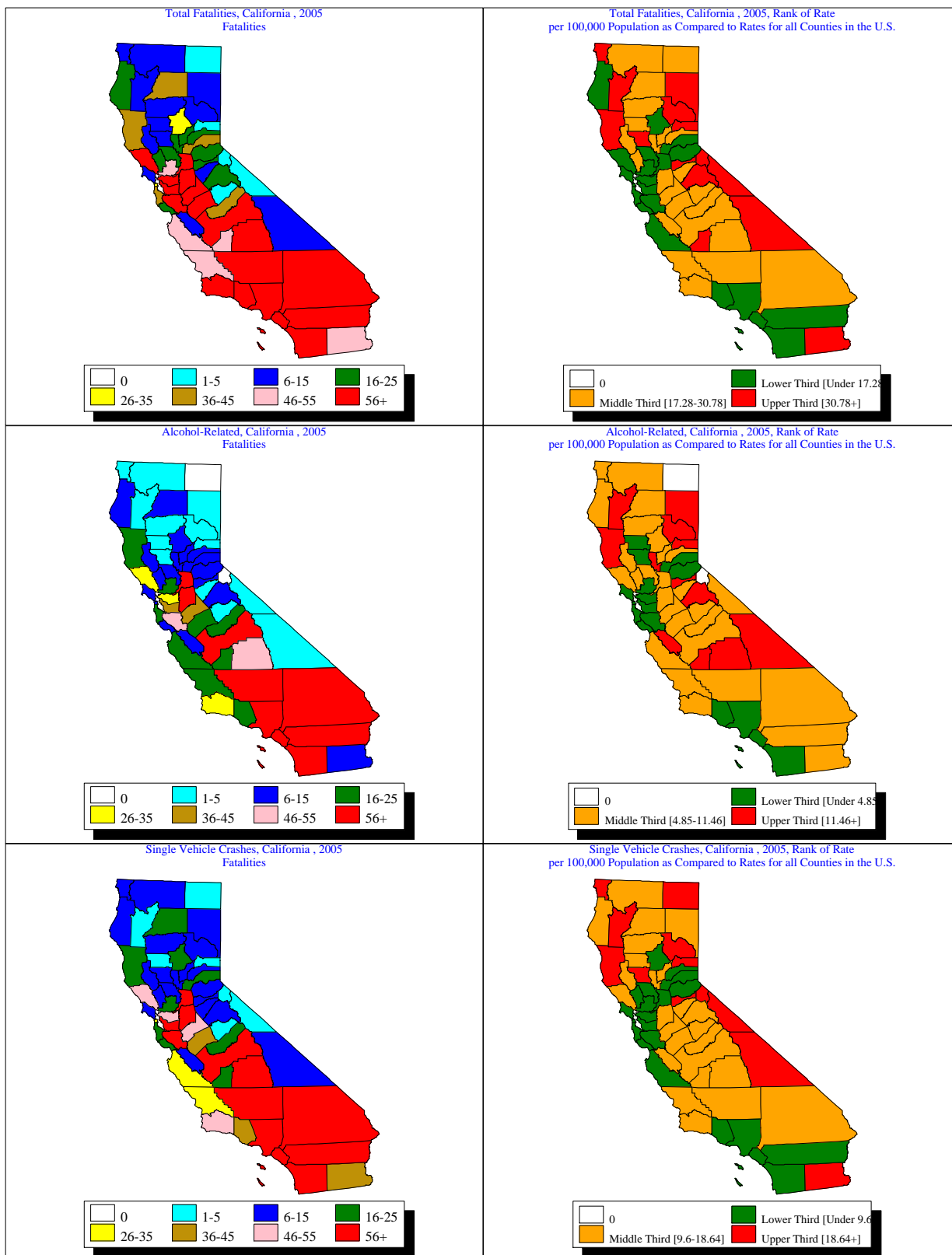
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## Traffic Safety Facts, California , 2005

### Assorted State-County Maps





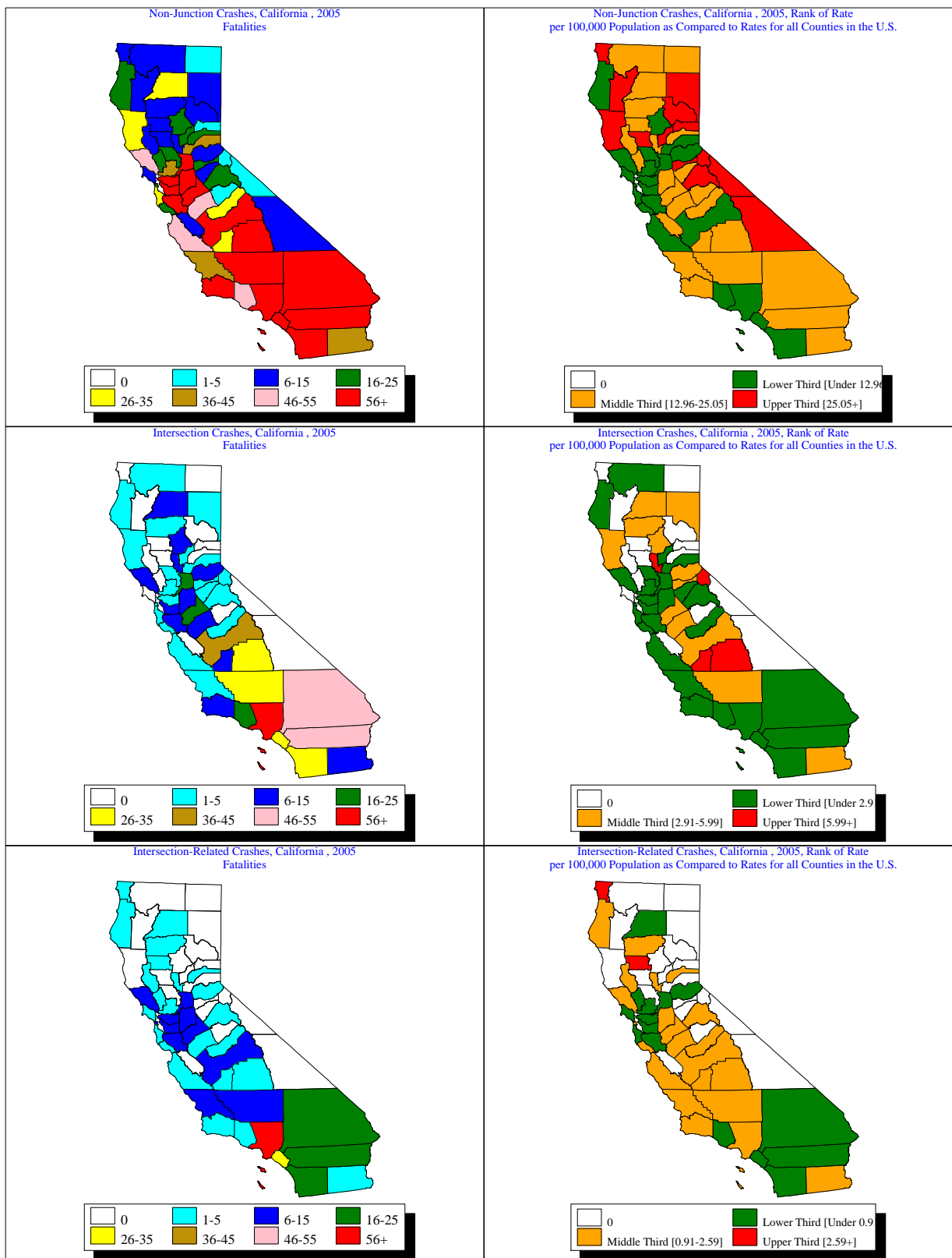
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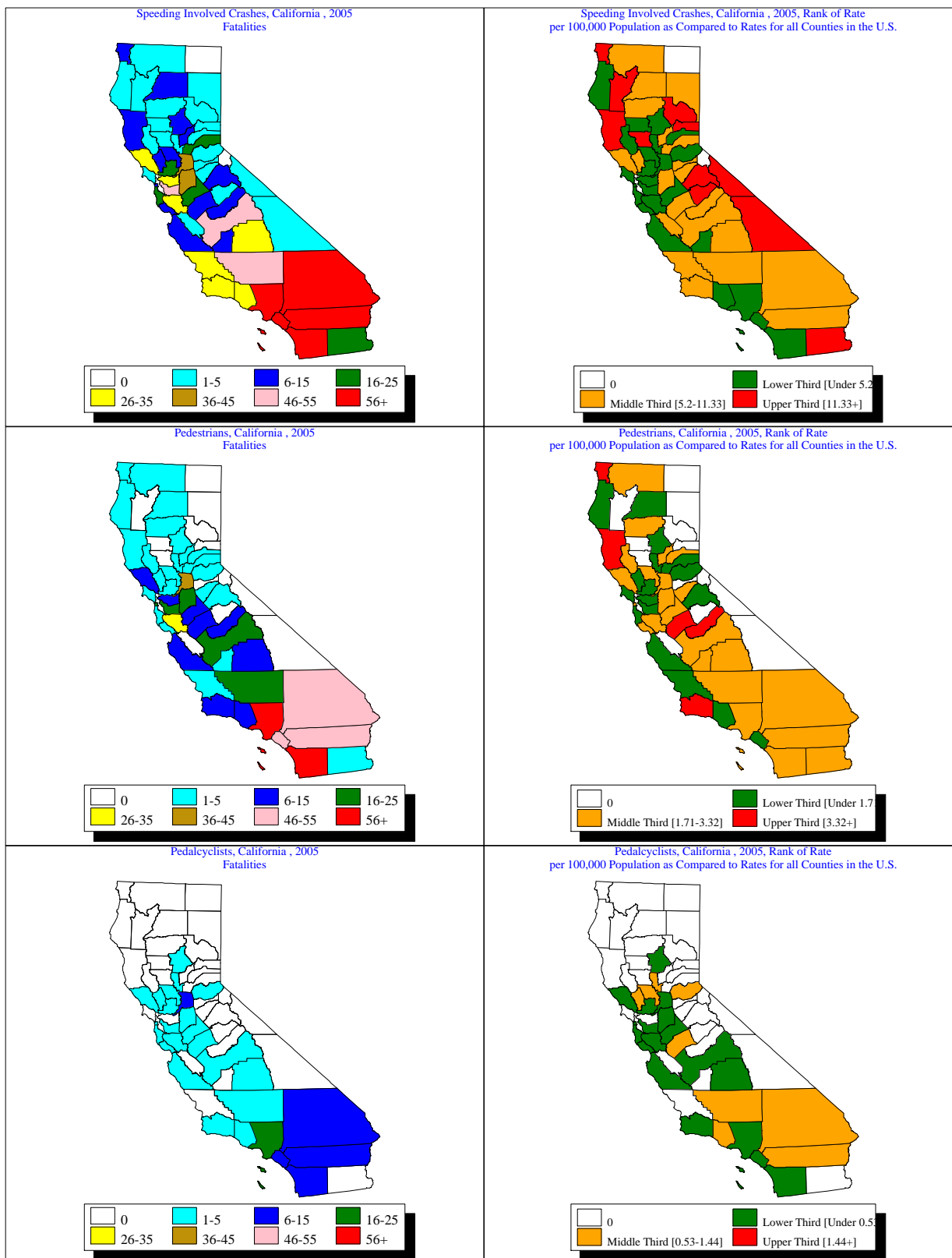
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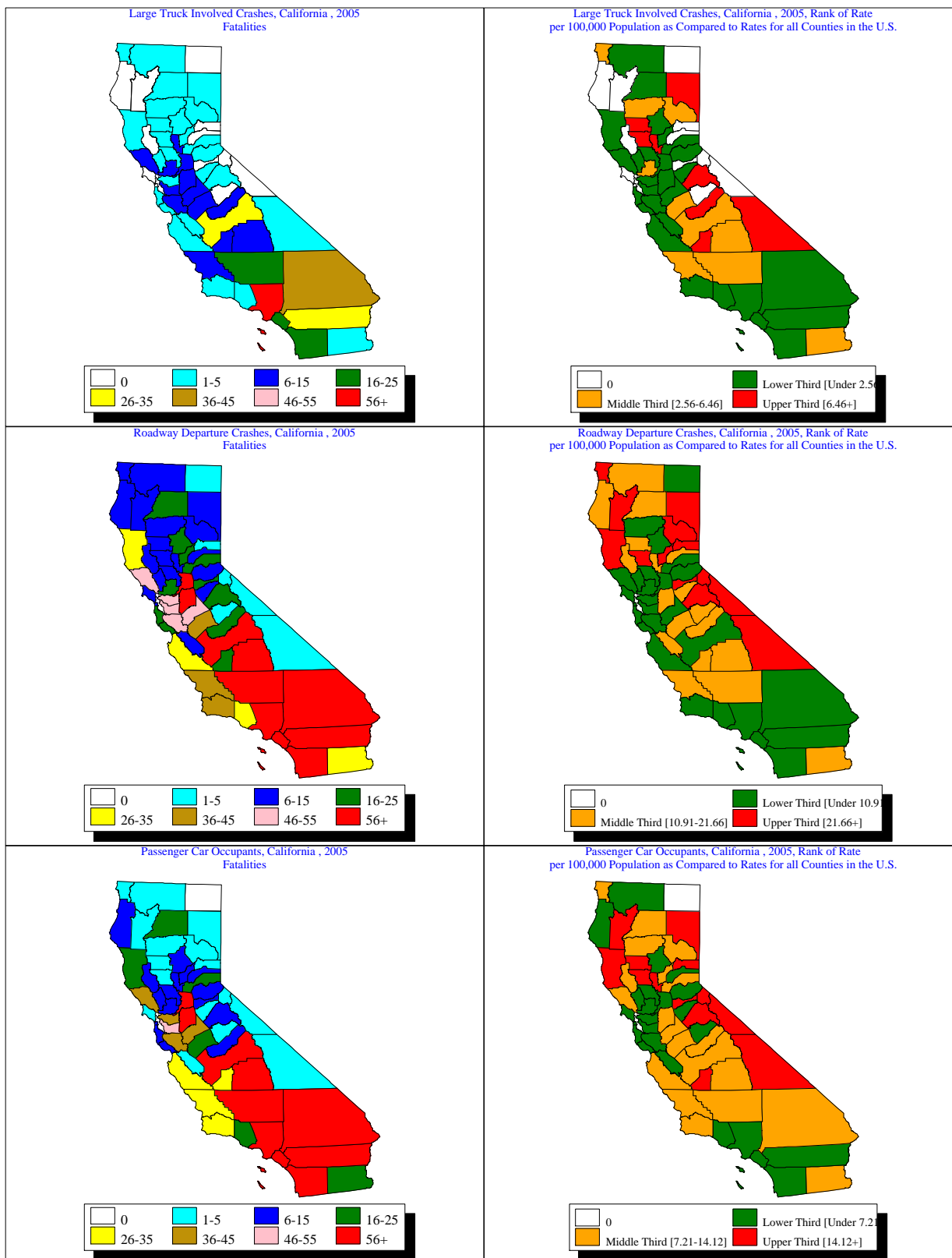
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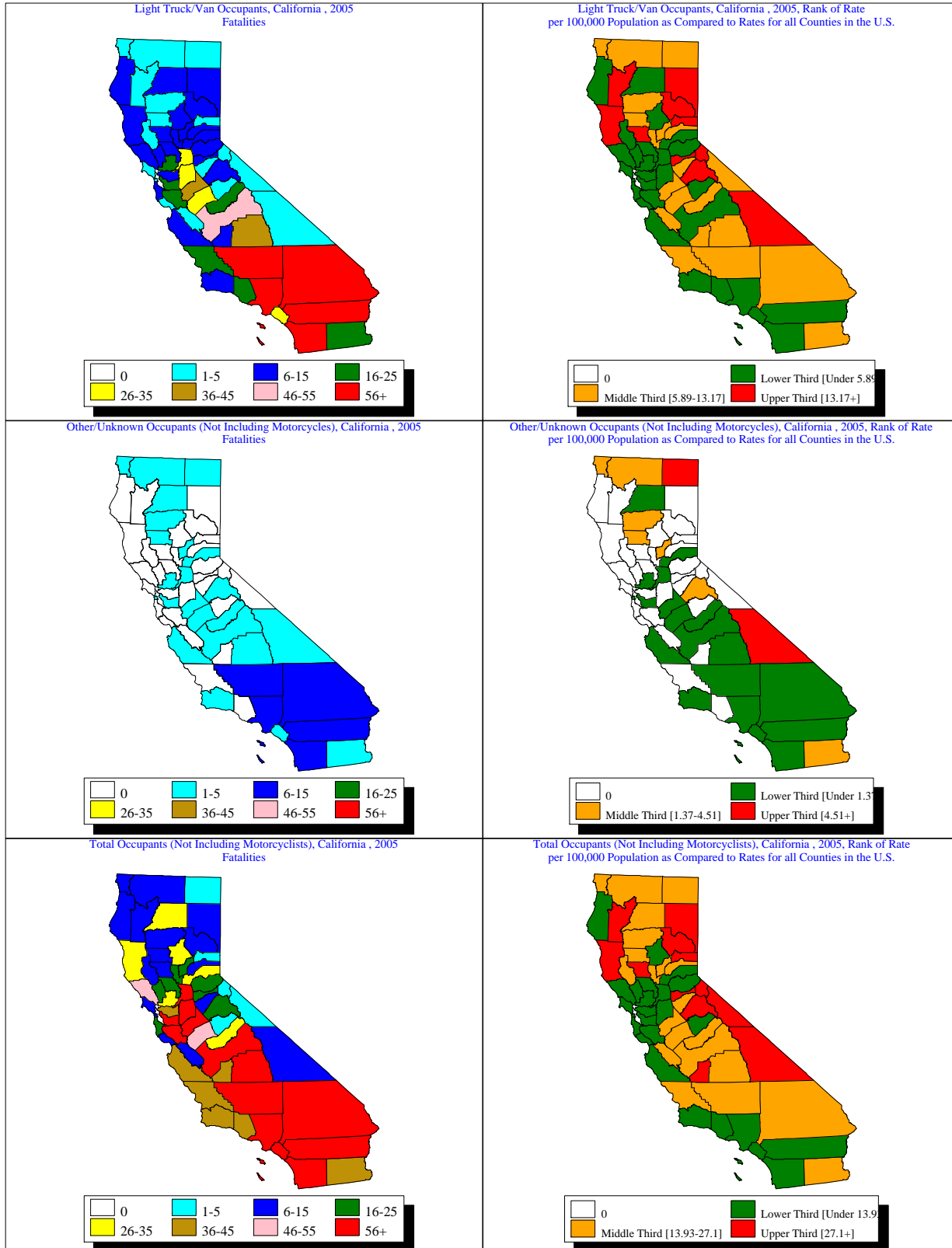
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